

Goals

The basic idea was the design of a high-efficiency loudspeaker combining several contradictory requirements allowing reproduction of living music as vector of intense emotions:

- **Relaxed listening** of all music styles, from very low to very high levels
- **The use of amplifiers covering all power classes**, explosive dynamics even with tube amplifiers with power as low as 8 W per channel. A second input allows use of solid state (transistor) amplifiers without loss of damping.
- **Reproduction of infinite details**, without projection, due to use of a single point source. This feature brings better spatial reproduction fidelity, too. A simple equalizing network improves linearity without adding phase shift.
- **Fullsize panoramic sound** (horizontally and vertically). The controlled directivity results in a smooth polar diagram in both planes.
- **Good dynamics** thanks to high efficiency combined to correct power rating. That's the only way to avoid the audible thermal compression of classic loudspeakers.
- **Easy placement**, near a wall or even a corner. The 2π environment is integral part of the loudspeaker design. The fine-tunable bass reflex opening allows optimized integration in rooms of different size, adsorbition rates and listening distances.
- **Less excitement of room resonance and echoes** due to controlled directivity and high efficiency. This can be explained by the (to easily forgotten) physical law of energy continuum.
- **Long term reliability** and value conservation due to oversized long-life components. All parts have been selected by numerical simulation, measuring and during hundreds of listening hours using objective and subjective quality criteria.

■ Single source driver:	Cast aluminium basket, Neodymium magnet assembly.
■ Self :	Mundorf air core self with 1 mm OFC wire
■ Capacitors :	Mundorf polypropylene 250V, loss angle < 0,0003
■ Resistors :	Mundorf high power MOX and cement
■ Wiring:	
Internal wiring :	Swissonor #11.0 quad cables
To amplifier:	3 m of Swissonor #11.0 quad cables are joined
■ Connectors:	Swiss Made laboratory connectors 32 A

Technical specification

Continuous noise AES standard.....	50 W
Program power (6dB crest factor).....	100 W
Peak power <10ms.....	150 W
Rated impedance.....	8 Ohm
Sensitivity (Thiele half space reference efficiency).....	94 dB(1W/1m)
Maximum acoustic output (1 loudspeaker).....	106 dB
Maximum acoustic output (pair of loudspeakers).....	112 dB
Frequency range in-axis	52 - 15'000 Hz(+/- 3dB)
Recommended amplifier rating (tube amps).....	6 - 30 Watt at 8 Ohm
Recommended amplifier rating (solid state amps).....	20 - 80 Watt at 8 Ohm
Maximum reasonable amplifier power.....	100 Watt at 8 Ohm
Low frequency adjustment range.....	+/-2 dB continued
Polarity : Positive voltage on red terminal gives forward cone motion	
Housing : Handmade from plywood, at choice white lacquer or natural maple or wild cherry veneer	
External dimensions (without feet).....	440 x 570 x 226 mm
External dimensions (including feet).....	440 x 790 x 226 mm

Hearing is believing, come in for a listening session at:



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